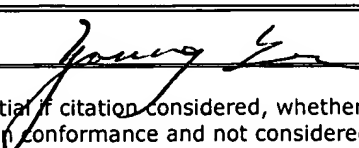


FORM PTO-1449 (Rev. 2-32) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. 3493.00151 APPLICANT Justin C. CHUANG, et al. FILING DATE February 1, 2001		SERIAL NO. GROUP 2634		U.S. PTO 09/774875 02/01/01
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO		
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
21	J. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," IEEE Communications Magazine, May 1990, pp. 5-14							
21	L. Cimini, "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing," IEEE TRANSACTIONS ON COMMUNICATIONS, Vol. Com-33, No. 7, July 1985, pp. 665-675							
21	W. Zou et al., "COFDM: An Overview," IEEE TRANSACTIONS ON BROADCASTING, Vol. 41, No. 1, March 1995, pp. 1-8							
21	J. Chuang, "The Effects of Time Delay Spread on Portable Radio Communications Channels with Digital Modulation," IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, Vol. SAC-5, No. 5, June 1987, pp. 879-889							
21	Y. Li et al., "Robust Channel Estimation for OFDM Systems with Rapid Dispersive Fading Channels," IEEE TRANSACTIONS ON COMMUNICATIONS, Vol. 46, No. 7, July 1998, pp. 902-915							
21	J. Chuang, et al., "Spectrum Resource Allocation for Wireless Packet Access with Application to Advanced Cellular Internet Service," IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, Vol. 16, No. 6, August 1998, pp. 820-829							
21	L. Cimini, et al., "Advanced Cellular Internet Service (ACIS)," IEEE Communications Magazine, October 1998, pp. 150-159							
21	N. Seshadri, "Joint Data and Channel Estimation Using Blind Trellis Search Techniques," IEEE TRANSACTIONS ON COMMUNICATIONS, Vol. 42, No. 2/3/4, Feb/Mar/Apr 1994, pp. 1000-1011							
21	V. Tarokh, et al., "Space-Time Codes for High Data Rate Wireless Communication: Performance Criterion and Code Construction," IEEE TRANSACTIONS ON INFORMATION THEORY, Vol. 44, No. 2, March 1998, pp. 744-765							
21	G. Ungerboeck, "Channel Coding with Multilevel/Phase Signals," IEEE TRANSACTIONS ON INFORMATION THEORY, Vol. IT-28, No. 1, January 1982, pp. 55-67							
EXAMINER				DATE CONSIDERED				
				6/21/04				

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 (Form PTO-1449 [6-4])